

Transportation Capital Improvement Program Project Descriptions Table of Contents

Funded Projects:

Transportation CIP Summary Charts	4-40
Transportation CIP Funding Sources	4-41
1st Avenue South, Phase 1 (SW 146th St. to SW 163rd Place)	4-44
1st Avenue South, Phase 2 (SW 140th St. to SW 146th St.)	4-45
4th Avenue SW Pedestrian Safety Project - Phase 2	4-46
4th Avenue SW/SW 148th Street Intersection	4-47
21st Avenue SW Road Repair	4-48
Ambaum Boulevard SW and SW/S 156th Corridor Safety Improvements	4-49
Ambaum Boulevard SW Corridor Study	4-50
Neighborhood Traffic Control Program	4-51
Pedestrian and Bicycle Facilities Plan Implementation	4-52
Shorewood Drive SW Road Repair	4-53
SR509/SR518 Interchange.....	4-54
Street Overlay Program	4-55
Sylvester Road SW	4-56
Unfunded Projects	4-58

Six Year Resources needed for 2008 - 2013 CIP compared to Six Year Resources needed for 2007 - 2012 CIP

Project Name	2007 -2012 Required Resources (with inflation)	2008 -2013 Required Resources (with inflation)	Change	NOTES
Transportation Capital Projects				
1st Ave S Phase 1 (146th to 163rd)	\$ -	\$ -	\$ -	Project to be completed in 2008.
1st Ave. S Phase 2 (140th to 146th)	9,840,973	7,327,808	(2,513,165)	Utility conversion and grant funding have not been secured and is excluded in the current 6-year CIP.
4th Ave SW Pedestrian Safety Project - (Phase	1,227,385	1,191,215	(36,170)	Project costs moved from future years.
4th Ave SW/SW 148th St. Intersection	254,400	254,400	-	Project costs moved from 2007 to 2008 and inflated.
8th Place SW Road Repair	-	-	-	Project completed and removed from the CIP.
16th Ave SW Road Repair	-	-	-	Project to be completed in 2006.
21st Ave SW Road Repair	-	-	-	Project to be completed in 2006.
Ambaum Blvd SW and SW/S 156th Street Corridor Safety Improvements	750,000	-	(750,000)	Construction phase moved from 2006 to 2007.
Ambaum Blvd SW Corridor Study	240,000	240,000	-	New Project
Ambaum Blvd SW Pedestrian Safety Improvements	-	-	-	Project completed and removed from the CIP.
Burien Entry Improvements	100,145	-	(100,145)	Project costs moved from 2006 to 2008 and inflated.
Maplewild Ave SW Earthquake Rd Repair -	-	-	-	Project to be completed in 2006.
Neighborhood Traffic Control Program	358,472	-	(358,472)	\$50,000 per year plus inflation
Pedestrian & Bicycle Plan Implementation	759,093	826,171	67,078	Formerly Safe Sidewalks Program. \$100,000 per year plus
Shorewood Drive SW Road Repair	-	-	-	New project to be completed in 2006.
SR 509/SR 518 Interchange	20,000	10,000	(10,000)	
Street Overlay Program	2,432,670	2,478,501	45,831	\$300,000 per year plus inflation.
SW 146th - 6th Road Repair	-	-	-	Project completed and removed from the CIP.
SW 152nd Street Enhancement	-	-	-	Project completed and removed from the CIP.
Sylvester Road SW	-	-	-	Project to be completed in 2005.
Transit Center/Transit Oriented Development	-	-	-	Project removed from CIP. Admin. costs to be charged to Street Fund
Total	\$ 15,983,138	\$ 12,328,095	\$ (3,655,043)	

**2008 - 2013 Capital Improvement Program
Transportation**

Funded Projects	Total Project Cost	Prior Years	2007	2008	2009	2010	2011	2012	2013	2008-2013 Six Year CIP
1st Ave S., Phase 1 (SW 146th St. to SW 163rd Place)	\$ 23,557,078	\$ 7,176,925	\$ 16,380,153	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1st Ave S., Phase 2 (SW 140th St. to SW146th St.)	7,527,808	70,102	129,898	521,925	6,805,883	-	-	-	-	7,327,808
4th Ave SW Pedestrian Safety Project - Phase 2	1,355,015	-	163,800	1,191,215	-	-	-	-	-	1,191,215
4th Ave SW/SW 148th St. Intersection	254,400	-	-	254,400	-	-	-	-	-	254,400
16th Avenue SW Road Repair	-	-	-	-	-	-	-	-	-	-
21st Avenue SW Road Repair	492,520	461,266	31,254	-	-	-	-	-	-	-
Ambaum Blvd SW & SW/S 156th St. Corridor Safety Improvements	932,348	34,194	898,154	-	-	-	-	-	-	-
Ambaum Blvd SW Corridor Study	240,000	-	-	240,000	-	-	-	-	-	240,000
Burien Entry Improvements	-	-	-	-	-	-	-	-	-	-
Maplewild Ave SW Earthquake Road Repair - North	-	-	-	-	-	-	-	-	-	-
Neighborhood Traffic Control Program	103,741	48,016	55,725	-	-	-	-	-	-	-
Pedestrian & Bicycle Plan Implementation	1,062,943	243	236,529	127,202	131,654	135,604	139,672	143,862	148,178	826,171
Shorewood Drive SW Road Repair	725,000	171,380	553,620	-	-	-	-	-	-	-
SR509/SR518 Interchange	45,000	-	35,000	10,000	-	-	-	-	-	10,000
Street Overlay Program	3,340,794	463,593	398,700	381,604	394,960	406,809	419,013	431,584	444,531	2,478,501
Sylvester Road SW	2,337,374	2,232,270	105,104	-	-	-	-	-	-	-
Subtotal All Funded Projects	\$ 41,974,021	\$ 10,657,989	\$ 18,987,937	\$ 2,726,346	\$ 7,332,497	\$ 542,413	\$ 558,685	\$ 575,445	\$ 592,709	\$ 12,328,095

**2008 - 2013 Capital Improvement Program
Transportation**

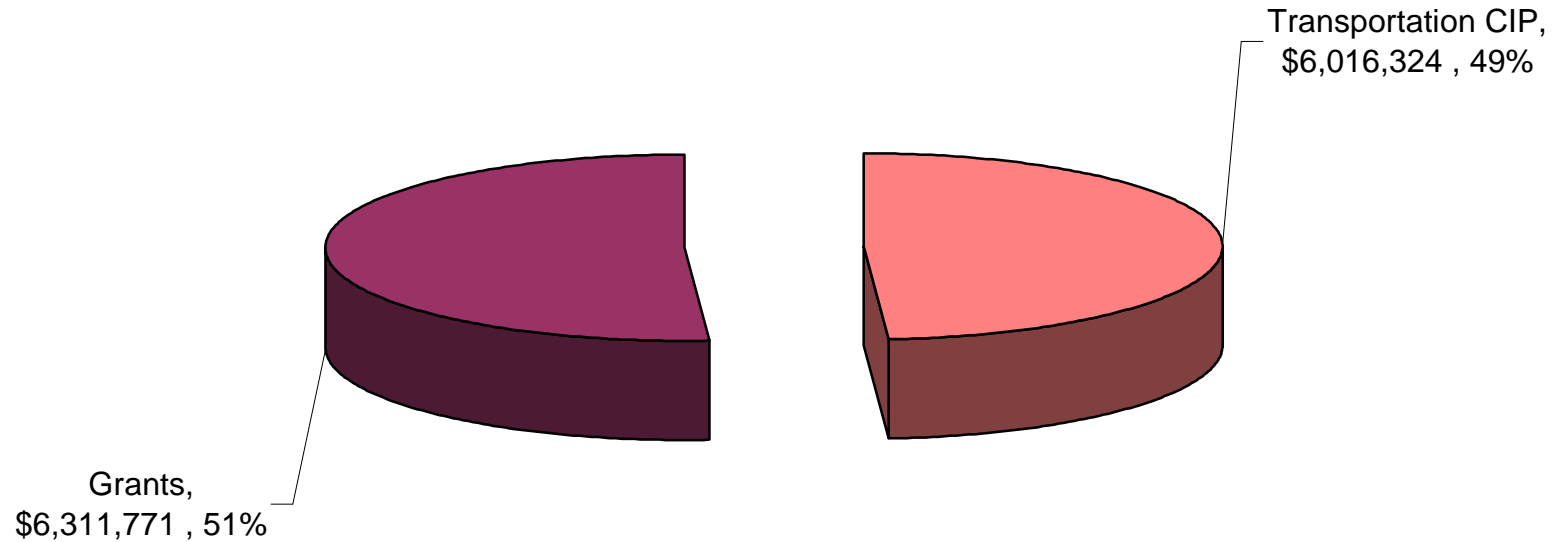
TOTAL FUNDING REQUIREMENTS

	Total Project Cost	Prior Years	2007	2008	2009	2010	2011	2012	2013	2008-2013 Six Year CIP
Transportation CIP	\$ 15,600,777	\$ 5,585,697	\$ 3,998,756	\$ 1,162,831	\$ 2,584,241	\$ 542,413	\$ 558,685	\$ 575,445	\$ 592,709	\$ 6,016,324
Private	11,961,438	2,300,839	9,660,599	-	-	-	-	-	-	-
Grants	10,969,170	1,328,817	3,328,582	1,563,515	4,748,256	-	-	-	-	6,311,771
PWTF Loan and Interest	2,000,000	-	2,000,000	-	-	-	-	-	-	-
SWM CIP	1,442,636	1,442,636	-	-	-	-	-	-	-	-
Unfunded	8,270,600	-	-	-	8,270,600	-	-	-	-	8,270,600
Bond Issue	-	-	-	-	-	-	-	-	-	-
Total Project Funding Sources w/out unfunded	\$ 41,974,021	\$ 10,657,989	\$ 18,987,937	\$ 2,726,346	\$ 7,332,497	\$ 542,413	\$ 558,685	\$ 575,445	\$ 592,709	\$ 12,328,095

Six year Funding Sources needed for 2008 -2013 Transportation CIP compared to Six year Funding Sources needed for 2007 - 2012 CIP

	2007-2012 Funding Sources	2008-2013 Funding Sources	Change
Transportation CIP	4,207,304	6,016,324	1,809,020
Private	-	-	-
Grants	6,141,458	6,311,771	170,313
PWTF Loan and Interest	-	-	-
SWM CIP	-	-	-
Unfunded	5,634,377	8,270,600	2,636,223
Bond Issue	-	-	-
Total Project Funding Sources w/out unfunded	15,983,139	12,328,095	(3,655,044)

**2008 - 2013 Capital Improvement Program
Transportation Funding Sources - \$12.3 million**



1st Avenue South - Phase 1 (SW 146th Street to SW 163rd Place)

Account Number: 318-11-595-05

Work Order Number: 318-0001

Project Description:

Design and construct improvements to 1st Avenue South from SW 146th to SW 163rd including consolidation of driveways, additional left turn lanes and signal improvements at SW 160th St., and SW 148th St. A new traffic signal at SW 150th St.; curbs and gutters, sidewalks, bicycle lane from SW 160th to SW 163rd, landscaping, street trees, interconnections, and gateway treatments. Undergrounding has been added along with improvements on 160th St. Added to the project is the design and construction of a new 24" to 48" by-pass storm line between Ambaum Regional Pond to north of SW 148th Street.

Total Project Cost:

\$ 23,557,078

Basis/Variables/Risks in Cost

Changes to field conditions or change orders could change the total project cost.

Estimate:

Estimated Maintenance and Operating

Costs:

Year	2006	2007	2008	2009	2010	2011	2012	2013
Amount	\$							

Maintenance costs should remain at or near current levels.

Estimated Schedule/Milestones:

Proj Dev/PlanningPre-designDesignConstructionCompletion

Change from Prior CIP:

Project cost was increased by \$5,090,149 and revenue sources were refined.

EXPENDITURES	Total	Expenses Prior to Dec. 31, 2006	2007	2008	2009	2010	2011	2012	2013	Future
Utility Conversion	\$ 10,521,966	\$ 3,482,640	\$ 7,039,326	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Pre-design										
Design	1,268,989	1,268,989								
Right-of-way Acquisition	235,464	225,296	10,168							
Construction	11,530,659	2,200,000	9,330,659							
TOTAL	\$ 23,557,078	\$ 7,176,925	\$ 16,380,153	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

REVENUES										
Transportation CIP Fund	\$ 5,763,668	\$ 3,500,696	\$ 2,262,972	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TIB Grant No. 9-P-112(002)-2	1,949,032	413,196	1,535,836							
Public Works Trust Fund Loan (LID)	1,000,000		1,000,000							
Public Works Trust Fund Loan	1,000,000		1,000,000							
TIB Grant (1st S@ 146th-148th)	1,067,776	147,030	920,746							
Surface Water Management CIP	1,442,636	1,442,636								
Utilities for Conversion	10,781,966	1,121,367	9,660,599							
State Appropriation	552,000	552,000								
TOTAL	\$ 23,557,078	\$ 7,176,925	\$ 16,380,153	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1st Avenue South Phase 2 (SW 140th St. to SW 146th St.)

Account Number: 318-11-595-05

Work Order Number: 318-0018

Project Description:

Reconstruct 1st Avenue South from SW 140th Street to SW 146th Street. Maintain two travel lanes in each direction and a center turn lane. Provide curb, gutter, sidewalks, planter strips, illumination, storm water facilities, traffic signals and interconnections, and driveway consolidation where feasible.

Total Project Cost:

\$ 7,527,808

Basis/Variables/Risks in Cost Estimate:

The cost estimate is a planning level estimate, including an estimate of utility undergrounding.

Estimated Maintenance and Operating Costs:

Year	2006	2007	2008	2009	2010	2011	2012	2013
Amount	\$	Unknown at this time.						

Estimated Schedule/Milestones:

<u>Proj Dev/Planning</u> 2003	<u>Pre-design</u> 2004	<u>Design</u>	<u>Construction</u>	<u>Completion</u>

Change from Prior CIP:

Project cost increased by \$5,857,435 due to increased utility conversion costs and inflation by 12% for construction. conversions and grant funding for this project have not been secured and are excluded from the total project cost.

EXPENDITURES	Total	Expenses Prior to Dec. 31, 2006	2007	2008	2009	2010	2011	2012	2013	Future
Utility Conversion	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -
Pre-design	100,000	70,102	29,898							
Design	441,925		100,000	341,925						
Right-of-way Acquisition	180,000			180,000						
Construction	6,805,883				6,805,883					
TOTAL	\$ 7,527,808	\$ 70,102	\$ 129,898	\$ 521,925	\$ 6,805,883	\$ -	\$ -	\$ -		\$ -

REVENUES										
Transportation CIP	\$ 2,258,350	\$ 70,102	\$ 129,898	\$ 723	\$ 2,057,627	\$ -	\$ -	\$ -	\$ -	\$ -
Grants	4,269,458			404,492	3,864,966					-
Unfunded (utility conversion)	7,548,058				7,548,058					-
Unfunded (grants)	722,542				722,542					
Federal STP grant (pending)	1,000,000			116,710	883,290					
TOTAL	\$ 7,527,808	\$ 70,102	\$ 129,898	\$ 521,925	\$ 6,805,883	\$ -	\$ -	\$ -	\$ -	\$ -

4th Avenue SW Pedestrian Safety Project - Phase 2

Account Number: 318-11-595-05

Work Order Number: 318-

Project Description:

Reconstruct 4th Avenue SW from SW 153rd Street to SW 156th Street to neighborhood collector standards. This will include curbs and gutters, sidewalk, utility adjustments, street lights and transit stops, all on the east side of the street.

Total Project Cost:

\$ 1,355,015

Basis/Variables/Risks in Cost Estimate:

Planning level cost estimate will be refined in the design phase. Undergrounding not included.

Estimated Maintenance and Operating Costs:

Year	2006	2007	2008	2009	2010	2011	2012	2013
Amount	\$		Unknown at this time.					

Estimated Schedule/Milestones:

Proj Dev/Planning	Pre-design	Design	Construction	Completion

Change from Prior CIP:

Project cost was increased by \$127,630 for 12% inflation for construction.

EXPENDITURES	Total	Expenses Prior to Dec. 31, 2006	2007	2008	2009	2010	2011	2012	2013	Future
Project Development/Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Pre-design Phase	-									
Design	163,800		163,800							
Right-of-way Acquisition	-									
Construction	1,191,215			1,191,215						
TOTAL	\$ 1,355,015	\$ -	\$ 163,800	\$ 1,191,215	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

REVENUES										
Transportation CIP	\$ 190,702	\$ -	\$ 41,800	\$ 148,902	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Federal STP grant	122,000		122,000							
Federal STP Contingency Grant	1,042,313			1,042,313						
TOTAL	\$ 1,355,015	\$ -	\$ 163,800	\$ 1,191,215	\$ -	\$ -	\$ -	\$ -		\$ -

4th Avenue SW/SW 148th Street Intersection

Account Number: 318-11-595-05

Work Order Number:

Project Description:

Upgrade existing signal to add protected left-turn phasing on all approaches. Coordinate signal with signals on the SW 148th Street and 4th Avenue SW corridors.

Total Project Cost:

\$ 254,400

Basis/Variables/Risks in Cost Estimate:

The cost is a planning level cost estimate, and assumes no additional right-of-way is required.

Estimated Maintenance and Operating Costs:

Year	2006	2007	2008	2009	2010	2011	2012	2013
Amount	\$			<i>No change in the current level of signal maintenance.</i>				

Estimated Schedule/Milestones:

<u>Proj Dev/Planning</u>	<u>Pre-design</u>	<u>Design</u>	<u>Construction</u>	<u>Completion</u>

Change from Prior CIP:

No change.

EXPENDITURES	Total	Expenses Prior to Dec. 31, 2006	2007	2008	2009	2010	2011	2012	2013	Future
Project Development/Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Pre-design	-									
Design	37,100			37,100						
Right-of-way Acquisition	-									
Construction	217,300			217,300						
TOTAL	\$ 254,400	\$ -	\$ -	\$ 254,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

REVENUES										
Transportation CIP	\$ 254,400	\$ -	\$ -	\$ 254,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ 254,400	\$ -	\$ -	\$ 254,400	\$ -	\$ -	\$ -	\$ -		\$ -

Transportation CIP

4-47

21st Avenue SW Road Repair

Account Number: 318-11-595-05

Work Order Number: 318-0015

Project Description:

The project consists of pavement repair and slope stabilization to repair the road failure at the 15700 Block of 21st Avenue SW. The project includes widening the shoulder of the road for bicycle and pedestrian use.

Total Project Cost:

\$ 492,520

Basis/Variables/Risks in Cost Estimate:

Changes to field conditions or change orders could change the total project cost.

Estimated Maintenance and Operating Costs:

Year	2006	2007	2008	2009	2010	2011	2012	2013
Amount	\$	<i>Maintenance and operation costs will remain at current levels.</i>						

Estimated Schedule/Milestones:

Proj Dev/PlanningPre-designDesignConstructionCompletion

Change from Prior CIP:

EXPENDITURES	Total	Expenses Prior to Dec. 31, 2006	2007	2008	2009	2010	2011	2012	2013	Future
Project Development/Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Pre-design										
Design	100,000	100,000	-							
Right-of-way Acquisition	-									
Construction	392,520	361,266	31,254							
TOTAL	\$ 492,520	\$ 461,266	\$ 31,254	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -

REVENUES										
Transportation CIP	\$ 492,520	\$ 461,266	\$ 31,254	\$ -		\$ -	\$ -	\$ -		\$ -
TOTAL	\$ 492,520	\$ 461,266	\$ 31,254	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -

Ambaum Boulevard SW and SW/S 156th Corridor Safety Improvements

Account Number: 318-11-595-05

Work Order Number: 318-0020

Project Description:

The project will restripe Ambaum Boulevard SW and SW/S 156th Street, between SW 153rd Street to Des Moines Memorial Drive South (1.2 miles), from 4-lanes to provide 2-lanes, a continuous center turn lane and bicycle lanes. Other project elements include repairing and removing trip hazards on existing sidewalks, installing new sidewalks to fill in missing gaps and installing wheel chair ramps and driveway approaches to meet current ADA standards. Where possible, landscaping will be installed to improve corridor aesthetics. South 156th Street, between 1st South and Des Moines Memorial Drive, will be repaved.

Total Project Cost:

\$932,348

Basis/Variables/Risks in Cost Estimate:

Cost estimate could vary once the final quantities of materials are determined during the design phase. As the project is not a reconstruction project, utility undergrounding is not included.

Estimated Maintenance and Operating Costs:

Year	2006	2007	2008	2009	2010	2011	2012	2013
Amount	\$		<i>Unknown at this time.</i>					

Estimated Schedule/Milestones:

<u>Proj Dev/Planning</u>	<u>Pre-design</u>	<u>Design</u>	<u>Construction</u>	<u>Completion</u>

Change from Prior CIP:

Costs in each phase were refined.

EXPENDITURES	Total	Expenses Prior to Dec. 31, 2006	2007	2008	2009	2010	2011	2012	2013	Future
Project Development/Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Pre-design	-									
Design	138,912	34,194	104,718							
Right-of-Way Acquisition	35,318		35,318							
Construction	758,118		758,118							
TOTAL	\$ 932,348	\$ 34,194	\$ 898,154	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -

REVENUES										
Transportation CIP	\$ 182,348	\$ 34,194	\$ 148,154	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Federal STP Grant	600,000		600,000							
TIB Grant	150,000		150,000							
TOTAL	\$ 932,348	\$ 34,194	\$ 898,154	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Ambaum Boulevard SW Corridor Study

Account Number: 318-11-595-05

Work Order Number: 318-

Project Description:

Study to determine safety, capacity, and non-motorized issues and to evaluate the condition of the roadway and storm drainage system on Ambaum Boulevard SW from SW 116th Street to SW 153rd Street. The study will determine future capital improvements, possible phasing, and costs.

Total Project Cost:

\$240,000

Basis/Variables/Risks in Cost Estimate:

The cost of the study will not be known until a consultant is selected and the project scope is negotiated.

Estimated Maintenance and Operating Costs:

Year	2006	2007	2008	2009	2010	2011	2012	2013
Amount	\$	<i>To be determined.</i>						

Estimated Schedule/Milestones:

<u>Proj Dev/Planning</u>	<u>Pre-design</u>	<u>Design</u>	<u>Construction</u>	<u>Completion</u>
1st Quarter 2008	4th Quarter 2008			

Change from Prior CIP:

No change.

EXPENDITURES	Total	Expenses Prior to Dec. 31, 2006	2007	2008	2009	2010	2011	2012	2013	Future
Project Development/Planning	\$ 240,000	\$ -	\$ -	\$ 240,000		\$ -	\$ -	\$ -		\$ -
Pre-design	-									
Design	-									
Right-of-Way Acquisition	-									
Construction	-									
TOTAL	\$ 240,000	\$ -	\$ -	\$ 240,000	\$ -	\$ -	\$ -	\$ -		\$ -

REVENUES										
Transportation CIP	\$ 240,000	\$ -	\$ -	\$ 240,000		\$ -	\$ -	\$ -		\$ -
TOTAL	\$ 240,000	\$ -	\$ -	\$ 240,000	\$ -	\$ -	\$ -	\$ -		\$ -

Neighborhood Traffic Control Program

Account Number: 318-11-595-05

Work Order Number: 318-0010

Project Description:

Annual program to respond to neighborhood traffic calming issues and to improve traffic safety adjacent to schools. The Public Works Department and King County traffic reviews requests from citizens for traffic improvement to neighborhood issues. Responses vary from the installation of new signage, paint striping, to physical improvements.

Total Project Cost:

\$ - Moved to Street Fund for 2008 and future years.

Basis/Variables/Risks in Cost Estimate:

Estimated Maintenance and Operating Costs:	Year	2006	2007	2008	2009	2010	2011	2012	2013
	Amount	\$							

Estimated Schedule/Milestones:

Proj Dev/PlanningPre-designDesignConstructionCompletion

As needed

Change from Prior CIP:

Project is moving to Street Fund starting in 2008.

EXPENDITURES	Total	Expenses Prior to Dec. 31, 2006	2007	2008	2009	2010	2011	2012	2013	Future
Project Development/Planning	\$ 103,741	\$ 48,016	\$ 55,725	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Pre-design										
Design										
Right-of-way Acquisition										
Construction										
TOTAL	\$ 103,741	\$ 48,016	\$ 55,725	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

REVENUES										
Transportation CIP	\$ 103,741	\$ 48,016	\$ 55,725	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ 103,741	\$ 48,016	\$ 55,725	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Transportation CIP

4-51

Pedestrian and Bicycle Facilities Plan Implementation

Account Number: 318-11-595-05

Work Order Number: 318-0004

Project Description:

Program to repair/replace existing sidewalks or construct new high priority projects described in the Burien Pedestrian and Bicycle Facilities Plan that was adopted in June 2004. Priority locations are identified in the Plan and include schools adjacent to arterials that lack sidewalks, missing links in the sidewalk network, ADA ramps at intersections, and other improvements at locations exhibiting high volumes of pedestrian accidents. Funds from the program can be used as the City's local match for grants.

Total Project Cost:

\$ 826,171 for the six year period 2008-2013.

Basis/Variables/Risks in Cost Estimate:

Cost estimates are prepared for specific projects as they are identified.

Estimated Maintenance and Operating Costs:

Year	2006	2007	2008	2009	2010	2011	2012	2013
Amount	\$	<i>Maintenance costs will remain at existing levels.</i>						

Estimated Schedule/Milestones:

Proj Dev/Planning	Pre-design	Design	Construction	Completion
On-going				

Change from Prior CIP:

Costs prior to 2006 (\$591,625) were deleted, and project was renamed from Safe Sidewalk project in 2007.

EXPENDITURES	Total	Expenses Prior to Dec. 31, 2006	2007	2008	2009	2010	2011	2012	2013	Future
Project Development/Planning	\$ 1,062,700	\$ -	\$ 236,529	\$ 127,202	\$ 131,654	\$ 135,604	\$ 139,672	\$ 143,862	\$ 148,178	\$ -
Pre-design	-									
Design	243	243								
Right-of-way Acquisition	-									
Construction	-									
TOTAL	\$ 1,062,943	\$ 243	\$ 236,529	\$ 127,202	\$ 131,654	\$ 135,604	\$ 139,672	\$ 143,862	\$ 148,178	\$ -

REVENUES										
Transportation CIP	\$ 1,062,943	\$ 243	\$ 236,529	\$ 127,202	\$ 131,654	\$ 135,604	\$ 139,672	\$ 143,862	\$ 148,178	\$ -
TOTAL	\$ 1,062,943	\$ 243	\$ 236,529	\$ 127,202	\$ 131,654	\$ 135,604	\$ 139,672	\$ 143,862	\$ 148,178	\$ -

Shorewood Drive SW Road Repair

Account Number: 318-11-595-05

Work Order Number: 318-0026

Project Description:

Restoration of Shorewood Drive SW roadway and construction of a retaining wall to support the uphill slope in the 12600 block of the roadway following a landslide in February 2006. The project also includes the repair of the downhill slide area that is failing due to soil creep.

Total Project Cost:

\$ 725,000

Basis/Variables/Risks in Cost Estimate:

Estimate based on preliminary studies of the hillside, final costs will not be known until completion of preliminary design.

Estimated Maintenance and Operating Costs:

Year	2006	2007	2008	2009	2010	2011	2012	2013
Amount	\$	<i>Minor cost savings are anticipated.</i>						

Estimated Schedule/Milestones:

Proj Dev/Planning	Pre-design	Design	Construction	Completion
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Change from Prior CIP:

Total project increased by \$365,000 due to changing repair solution to a soldier pile wall.

EXPENDITURES	Total	Expenses Prior to Dec. 31, 2006	2007	2008	2009	2010	2011	2012	2013	Future
Emergency Work	\$ 53,450	\$ 21,050	\$ 32,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Pre-design	-									
Design	125,000	30,770	94,230							
Acquisition	-									
Construction	546,550	119,560	426,990							
TOTAL	\$ 725,000	\$ 171,380	\$ 553,620	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

REVENUES										
Transportation CIP	\$ 725,000	\$ 171,380	\$ 553,620	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ 725,000	\$ 171,380	\$ 553,620	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

SR 518 / SR509 Interchange

Account Number: 318-11-595-05

Work Order Number: 318-0013

Project Description: Coordination with WSDOT to reconstruct the interchange to provide southbound SR-509 to eastbound SR-518 freeway-to-freeway connection and provide traffic-calming at the end of SR-518.

Total Project Cost: \$ 45,000 for City coordination costs. \$45 million estimated for the total project cost.

Basis/Variables/Risks in Cost Estimate: In April 2005, WSDOT conducted a Cost Estimate Validation Process (CEVP) review of the project alternatives to assess the potential risk variables. The analysis results were published in May 2005.

Estimated Maintenance and Operating Costs:	Year	2006	2007	2008	2009	2010	2011	2012	2013
Amount	\$	<i>Unknown (WSDOT expense)</i>							

Estimated Schedule/Milestones: Proj Dev/Planning Pre-design Design Construction Completion

Change from Prior CIP: No change.

EXPENDITURES	Total	Expenses Prior to Dec. 31, 2006	2007	2008	2009	2010	2011	2012	2013	Future
Project Development/Planning	\$ 45,000	\$ -	\$ 35,000	\$ 10,000	\$ -	\$ -	\$ -			\$ -
Pre-design										
Design										
Right-of-way Acquisition										
Construction	-									
TOTAL	\$ 45,000	\$ -	\$ 35,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

REVENUES										
Transportation CIP	\$ 45,000	\$ -	\$ 35,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ 45,000	\$ -	\$ 35,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Transportation CIP

4-54

Street Overlay Program

Account Number: 318-11-595-05

Work Order Number: 318-0009

Project Description:

Annual program for the repair and resurfacing of arterial and residential streets based on the priority locations identified through the City's Pavement Management Inventory and Rating System. Streets with a rating under 60 are considered eligible for resurfacing. For 2006, streets in the SW portion of Burien, specifically in the Seahurst area will be resurfaced, and will include paving to be paid by the Water Districts.

Total Project Cost:

\$ 2,478,501 for the six-year period 2008-2013.

Basis/Variables/Risks in Cost

Estimate:

Estimated Maintenance and
Operating Costs:

Year	2006	2007	2008	2009	2010	2011	2012	2013
Amount	\$	<i>Maintenance costs should decrease slightly.</i>						

Estimated Schedule/Milestones:

Proj Dev/Planning Pre-design Design Construction Completion

Change from Prior CIP:

No change.

EXPENDITURES	Total	Expenses Prior to Dec. 31, 2006	2007	2008	2009	2010	2011	2012	2013	Future
Project Development/Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
Pre-design										
Design										
Right-of-way Acquisition										
Construction	3,340,794	463,593	398,700	381,604	394,960	406,809	419,013	431,584	444,531	
TOTAL	\$ 3,340,794	\$ 463,593	\$ 398,700	\$ 381,604	\$ 394,960	\$ 406,809	\$ 419,013	\$ 431,584	\$444,531	\$ -

REVENUES										
Transportation CIP	\$ 3,117,044	\$ 239,843	\$ 398,700	\$ 381,604	\$ 394,960	\$ 406,809	\$ 419,013	\$ 431,584	\$444,531	\$ -
Water District 20	157,058	157,058								
Water District 49	66,692	66,692								
TOTAL	\$ 3,340,794	\$ 463,593	\$ 398,700	\$ 381,604	\$ 394,960	\$ 406,809	\$ 419,013	\$ 431,584	\$444,531	\$ -

Transportation CIP

4-55

Sylvester Road SW

Account Number: 318-11-595-05

Work Order Number: 318-0005

Project Description:

Reconstruct Sylvester Road to include two traffic lanes, curbs, gutters, sidewalks, driveway realignments, parking strips, storm drainage, grading for vertical and horizontal alignments, illumination, pavement overlay, channelization, utility underground, retaining walls, minor traffic signal improvements and limited landscaping across the frontages of Highline Community Hospital and Sylvester Middle School from SW 160th Street to 6th Avenue SW.

Total Project Cost:

\$ 2,337,374

Basis/Variables/Risks in Cost Estimate:

Conversion costs could vary subject to charges by utilities companies and calculation of pole relocation credit by Seattle City Light. Fluctuating price of steel and oil could impact the cost of street lights and asphalt.

Estimated Maintenance and Operating Costs:

Year	2006	2007	2008	2009	2010	2011	2012	2013
Amount	\$		<i>Initially some minor cost savings are anticipated.</i>					

Estimated Schedule/Milestones:

<u>Proj Dev/Planning</u>	<u>Pre-design</u>	<u>Design</u>	<u>Construction</u>	<u>Completion</u>

Change from Prior CIP:

No change.

EXPENDITURES	Total	Expenses Prior to Dec. 31, 2006	2007	2008	2009	2010	2011	2012	2013	Future
Utility Conversion - Design	\$ 69,608	\$ 69,608	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility Conversion - Construction	341,596	341,596								
Design	291,008	291,008								
Right-of-way Acquisition	59,942	59,942								
Road Construction	1,575,220	1,470,116	105,104							
TOTAL	\$ 2,337,374	\$ 2,232,270	\$ 105,104	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

REVENUES										
Transportation CIP	\$ 1,165,061	\$ 1,059,957	\$ 105,104	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Highline Community Hospital	815,762	815,762								
TEA 21 Federal Grant (construction)	216,591	216,591								
Utilities	81,214	81,214								
Highline School District	58,746	58,746								
TOTAL	\$ 2,337,374	\$ 2,232,270	\$ 105,104	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Transportation CIP

4-56

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Unfunded Transportation Projects (in 2014 dollars) These are very preliminary estimates.

<u>1st Avenue South, Phase 3 (SW 128th Street to SW 140th Street)</u>	TBD
In 2004, the Conceptual Design Report indicated that this segment could be reduced from five lanes to three. However, this decision is contingent on the North Highline Annexation and the future design of the corridor between Hightop and SW 128th	
<u>Ambaum Boulevard SW/SW 148th Street Intersection</u>	\$168,948
Upgrade existing signal to include a westbound right-turn overlap phase.	
<u>4th Avenue SW/SW 153rd Street Intersection</u>	\$354,791
Install traffic signal, when warranted.	
<u>8th Avenue South (S 128th Street to S 152nd Street)</u>	\$7,602,655
Reconstruct road to include curb and gutter, sidewalks, bicycle lanes, parking, drainage, landscaping and illumination.	
Reconstruct intersections at SW 128th Street, SW 136th Street, SW 140th Street and SW 146th Street. Add left-turn pockets at SW 136th Street intersection and upgrade existing signal to add protected left-turn phasing.	
<u>Old SR 509 (1st Avenue South to SeaTac City Limits)</u>	\$7,602,655
Reconstruct roadway. Project to coincide with extension of SR 509 to I-5. (WSDOT Right-of-Way)	
<u>SR 509 (S 160th Street Northbound Ramps)</u>	\$168,948
Provide center median refuge for northbound left onto S 160th Street. Revise channelization along S 160th Street to include median taper into westbound lane.	
UNFUNDED PROJECTS TOTAL	<u>\$15,897,997</u>

Pedestrian and Bicycle Facilities Plan - High Priority Projects (Unfunded)

Listed below are the High-Priority Projects identified in the City of Burien's Pedestrian and Bicycle Facilities Plan, adopted on June 21, 2004. As the project scope, cost and funding sources are identified, the projects will be included in the funded 6-Year Capital Improvement Program for Design and Construction.

8th Avenue South (S 128th Street to Des Moines Memorial Drive) - Preliminary Design and Cost Estimates will be done in 2009.

Install sidewalks and bicycle lanes on both sides of 8th Avenue South.

South/SW 136th Street (Ambaum Blvd SW to 1st Avenue S and 1st Avenue S to Des Moines Memorial Drive)

Provide bicycle lanes on both sides of street. Repair inadequate and non-ADA compliant portions of existing sidewalk and fill in gaps. Part of Burien Loop Trail.

4th Avenue SW (SW 160th Street to SW 153rd Street)

Provide sidewalks, curb & gutter on both sides of street. Widen sidewalk on one side to accommodate bicyclists where feasible, similar to northern portion of 4th Avenue SW. Forms part of Burien Loop Trail

6th Avenue SW (SW 153rd Street to SW 146th Street)

Provide sidewalks and bicycle lanes on both sides of street. Provides direct access to Town Square development.

S 152nd Street (1st Avenue South to Des Moines Memorial Drive)

Provide sidewalks and bicycle lanes on both sides of street. Fill in gaps in sidewalk and ensure ADA standards.

S 146th Street (1st Avenue South to Des Moines Memorial Drive)

Provide bicycle lanes to connect eastern Burien and adjacent jurisdictions to central City.

SW 146th Street (1st Avenue South to 14th Avenue SW)

Install sidewalks on both sides of street from Ambaum Boulevard SW to 14th SW and bicycle lanes to connect to central Burien.

Pedestrian and Bicycle Facilities Plan - High Priority Projects (Unfunded) (cont.)**SW 152nd Street (10th Avenue SW to 22nd Avenue SW)**

From 10th SW to 20th SW install bicycle lanes on both sides of street with 6-foot sidewalk with 4-foot planter strip on the north side along with parking lane. From 20th SW to 22nd SW, install bicycle lanes and 6-foot sidewalk on both sides of street (no planter strip.)

SW 144th/146th Street (21st Avenue SW to Ambaum Blvd SW)

Provide bicycle lanes on both sides of street and pathway with planter strip (if feasible) on south side of street.

21st Avenue SW/Marine View Drive (SW 146th to SW 170th Street)

Provide bicycle lanes on both sides of street and pathway with planting strip/swale on one side. Park of Burien Loop Trail and Lake Burien Loop

Ambaum Boulevard South (South 174th to South 160th Street)

Provide bicycle lanes on both sides of street and pathway with planting strip/swale on one side. Provides neighborhood linkage and offers alternative to north/south travel on 1st Avenue South.

South Normandy Road (1st Avenue South to Des Moines Memorial Drive)

Bicycles to share lanes with vehicles "shared signed roadway". Provides access to alternatives to 1st Avenue South and coordination with City of Normandy Park.

16th Avenue SW Park Connection (Salmon Creek Ravine/Seahurst Park Connection)

Install directional signage and indication of roadway crossing to link Seahurst Park entry with Salmon Creek Ravine Entry.

8th Avenue SW (8th Place SW to Ambaum Boulevard SW)

Provide bicycle lanes and sidewalks on both sides of street. Connects to Burien Loop Trail/Sylvester Road SW.

Ambaum Boulevard SW (SW 160th to SW 156th Street)

Install bicycle lanes on both sides of street, providing bicycle route to downtown Burien from southern area of the City.

SW 153rd Street (Ambaum Boulevard SW to 1st Avenue South)

Provide bicycle lanes on both sides of street while maintaining parking on both sides of the street. Provides critical east/west bicycle route through downtown Burien.

Pedestrian and Bicycle Facilities Plan - High Priority Projects (Unfunded) (cont.)

12th Avenue SW (SW 152nd to SW 148th Street)

Provide sidewalks and bicycle lanes on both sides of the street. Serves as a connection for Gregory Heights and Seahurst neighborhoods.

SW 150th Street (12th Avenue SW to 1st Avenue South)

Provide bicycle lanes on both sides of street while maintaining parking on both sides of the street, where feasible. Provides critical east/west bicycle route to and through downtown Burien.

10th Avenue SW (SW 160th to SW 150th Street)

Install bicycle lanes and sidewalks on both sides of street. Provides major north/south bicycle route and pedestrian connection to the downtown area.

2nd Avenue SW (SW 150th to SW 156th Street)

Provide bicycle lanes and sidewalks on both sides of street. Provides key north/south connection to Transit Center and Town Square.

8th Avenue SW (SW 150th to SW 146th Street)

Provides bicycle lanes and pedestrian linkage on both sides of the street and an important north/south connection to the downtown area.

4th Avenue SW (SW 146th to SW 128th Street)

Bicycles to share lanes with vehicles "shared signed roadway". Connects Burien Community Center, parks and schools to civic uses and commercial centers.

Downtown Sidewalk Improvements (within designated Urban Center area)

Continuing CIP item until roadways in the Urban Center are pedestrian-friendly with sidewalks or similar pedestrian facilities.

Trail, Bicycle and Pedestrian Signage Plan

Develop a City-wide standard and plan for pedestrian, bicycle and trail facility directional signage and way-finding.

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